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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,047,478 B2
Issue Date : May 16, 2006
Inventors : Stefano Gregori et al.

Docket No. : 854063.659
Date : May 13, 2008

Mail Stop Certificate of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

*Certificate
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of Correction*

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents:

A Certificate of Correction is respectfully requested in the above-identified patent.

The following errors have been made:

In column 17, claim 4, line 15, the word "isomorphie" is spelled incorrectly. As set forth in the Amendment dated September 26, 2005, the correct spelling should be -- isomorphic --.

Please note, due to claim cancelling and renumbering, claim 4 in the issued patent was claim 16 during prosecution of the application.

In column 17, claim 4, line 16, the sequence " $GF(b^{a_1} GF((b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}}))$ " is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 4 in the issued patent was claim 16 during prosecution of the application.

In column 17, claim 4, lines 18-19, the sequence " $GF(b^{a_1}), (GF(b^{a_1 a_2}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 4 in the issued patent was claim 16 during prosecution of the application.

In column 17, claim 4, line 24, the sequence " $(GF(b^{a_1 a_2 \dots a_h}))$ " is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$ --.

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Please note, due to claim cancelling and renumbering, claim 4 in the issued patent was claim 16 during prosecution of the application.

In column 17, claim 6, line 31, the sequence “ $(GF(b^{a_1a_2\dots a_h}))$,” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 6 in the issued patent was claim 18 during prosecution of the application.

In column 17, claim 6, line 33, the sequence “ $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1a_2\dots a_{h-1}}),$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 6 in the issued patent was claim 18 during prosecution of the application.

In column 17, claim 6, line 35, the sequence “ $(GF(b^{a_1a_2\dots a_{h-1}}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 6 in the issued patent was claim 18 during prosecution of the application.

In column 17, claim 7, line 37, the sequence “ $(GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 7 in the issued patent was claim 19 during prosecution of the application.

In column 17, claim 7, line 39, the sequence “ $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1a_2\dots a_h}),$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 7 in the issued patent was claim 19 during prosecution of the application.

In column 17, claim 7, lines 40-41, the sequence “ $(GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 7 in the issued patent was claim 19 during prosecution of the application.

In column 17, claim 8, lines 45-46, the sequence “ $(GF(b^{a_1}), (GF(b^{a_2}), \dots, (GF(b^{a_1a_2\dots a_{h-1}}),$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 8 in the issued patent was claim 20 during prosecution of the application.

In column 17, claim 8, line 47, the sequence “ $(GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 8 in the issued patent was claim 20 during prosecution of the application.

In column 17, claim 8, lines 49-50, the sequence “ $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 8 in the issued patent was claim 20 during prosecution of the application.

In column 17, claim 8, lines 52-53, the sequence “ $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 8 in the issued patent was claim 20 during prosecution of the application.

In column 17, claim 8, line 54, the sequence “ $(GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 8 in the issued patent was claim 20 during prosecution of the application.

In column 17, claim 9, lines 57-58, the sequence “ $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 9 in the issued patent was claim 21 during prosecution of the application.

In column 17, claim 9, line 60, the sequence “ $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --.

Please note, due to claim cancelling and renumbering, claim 9 in the issued patent was claim 21 during prosecution of the application.

In column 17, claim 9, lines 62-63, the sequence “ $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 9 in the issued patent was claim 21 during prosecution of the application.

In column 17, claim 9, lines 64-65, the sequence “ $a_1, a_2, \dots, a_1 a_2 \dots a_h$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --.

Please note, due to claim cancelling and renumbering, claim 9 in the issued patent was claim 21 during prosecution of the application.

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In column 18, claim 10, line 1, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}))$,” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, lines 2-3, the sequence
 “ $(GF(b^{a_1}))(GF(b^{a_{12}})), \dots, (GF(b^{a_1a_2\dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, line 5, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}))$,” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, lines 6-7, the sequence
“ $(GF(b^{a_1}), GF(b^{a_{12}}), \dots, GF(b^{a_1a_2\dots a_{h-1}}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}})$ --. 15

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, line 9, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$, --.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application. () () ()

In column 18, claim 10, line 13, the sequence “ $(GF(b^{a_1}), GF(b^{a_{12}}), \dots, GF(b^{a_1a_2\dots a_{h-1}}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be $-- GF(b^{a_1}), GF(b^{a_1a_2}), \dots, GF(b^{a_1a_2\dots a_{h-1}}) --$.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, line 20, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}),$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence, should be $-- GF(b^{a_1 a_2 \dots a_h})--$.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 10, line 22, the sequence “ $(GF(b^{a_1}))(GF(b^{a_{12}}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}})$ ”, is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be $\dots GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}}) \dots$.

Please note, due to claim cancelling and renumbering, claim 10 in the issued patent was claim 22 during prosecution of the application.

In column 18, claim 11, line 32, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 11 in the issued patent was claim 23 during prosecution of the application.

In column 18, claim 12, line 37, the sequence “ $(GF(b^{a_1 a_2 \dots a_h}))$ ” is incorrect. As set forth in the Amendment dated September 26, 2005, the correct sequence should be -- $GF(b^{a_1 a_2 \dots a_h})$ --.

Please note, due to claim cancelling and renumbering, claim 12 in the issued patent was claim 24 during prosecution of the application.

In column 18, claim 14, lines 51-54, the section “reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base the first base being equal to a maximum number of storage levels of the memory levels;” is incorrect. As set forth in the Amendment dated September 26, 2005, this section should read -- reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base, the first base being equal to a maximum number of storage levels of the memory cells; --.

Attached is the certificate of correction, which indicates the corrections to be made, by reference to the column and line numbers in the printed patent. Because the errors were made by the Patent Office, no fee is necessary. However any are determined to be our errors, the Director is hereby authorized to charge payment of any fees associated with this communication to Deposit Account No. 19-1090.

Respectfully submitted,
SEED Intellectual Property Law Group PLLC



Robert Iannucci
Registration No 33,514

RXI:pgr

Enclosures:

Certificate of Correction (2 pages)
Postcard

SEED Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 5400
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,047,478 B2
DATED : May 16, 2006
INVENTORS : Stefano Gregori et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 17

Line 15, "isomorphie" should be -- isomorphic --
Line 16, " $GF(b^{a_1} GF((b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}}))$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Lines 18-19, " $GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 24, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Line 31, " $(GF(b^{a_1 a_2 \dots a_1}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Line 33, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 35, " $(GF(b^{a_1 a_2 \dots a_{h-1}}))$ " should be -- $GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 37, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Line 39, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Lines 40-41, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Lines 45-46, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be --
 $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 47, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Lines 49-50, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --
Lines 52-53, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 54, " $(GF(b^{a_1 a_2 \dots a_h}))$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Lines 57-58, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --
Line 60, " $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ " should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --
Lines 62-63, " $(GF(b^{a_1}), (GF(b^{a_1}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}) GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_h})$ --
Lines 64-65, " $a_1, a_2, \dots, a_1 a_2 \dots a_h$ " should be -- $a_1, a_1 a_2, \dots, a_1 a_2 \dots a_h$ --

MAILING ADDRESS OF SENDER:

Robert Iannucci
Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 5400
Seattle, Washington 98104

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,047,478 B2
DATED : May 16, 2006
INVENTORS : Stefano Gregori et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 18

Line 1, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Lines 2-3, " $(GF(b^{a_1}), (GF(b^{a_{12}}), \dots, (GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 5, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Lines 6-7, " $(GF(b^{a_1}), (GF(b^{a_{12}}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 9, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h}),$ --
Line 13, " $(GF(b^{a_1}), (GF(b^{a_{12}}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 20, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Line 22, " $(GF(b^{a_1}), (GF(b^{a_{12}}), \dots, (GF(b^{a_1 a_2 \dots a_{h-1}}),$ " should be -- $GF(b^{a_1}), GF(b^{a_1 a_2}), \dots, GF(b^{a_1 a_2 \dots a_{h-1}})$ --
Line 32, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --
Line 37, " $(GF(b^{a_1 a_2 \dots a_h}),$ " should be -- $GF(b^{a_1 a_2 \dots a_h})$ --

Lines 51-54, "reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base the first base being equal to a maximum number of storage levels of the memory levels;" should read as -- reading from the multilevel memory cells a codeword having $k+n$ coded symbols in a first base, the first base being equal to a maximum number of storage levels of the memory cells; --

MAILING ADDRESS OF SENDER:

Robert Iannucci
Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 5400
Seattle, Washington 98104

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